

<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NO. <b>650063.402USPC</b> U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>10/531,626</b>
INTERNATIONAL APPLICATION NO. <b>PCT/AU2003/001356</b>	INTERNATIONAL FILING DATE <b>14 October 2003</b>	PRIORITY DATE CLAIMED <b>14 October 2002</b>
TITLE OF INVENTION <b>A METHOD OF MODULATING EPITHELIAL CELL ACTIVITY BY MODULATING THE FUNCTIONAL LEVELS OF SPHINGOSINE KINASE</b>		
APPLICANT(S) FOR DO/EO/US <b>GAMBLE, Jennifer Ruth; VADAS, Mathew; PITSON, Stuart; XIA, Pu; LIMAYE, Vidya</b>		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> <li>1. <input type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.</li> <li>2. <input checked="" type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.</li> <li>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li>4. <input type="checkbox"/> The US has been elected (Article 31).</li> <li>5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)).           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li>10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol>		
<b>Items 11 to 20 below concern document(s) or information included:</b>		
<ol style="list-style-type: none"> <li>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>13. <input checked="" type="checkbox"/> A preliminary amendment.</li> <li>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76</li> <li>15. <input type="checkbox"/> A substitute specification.</li> <li>16. <input checked="" type="checkbox"/> A power of attorney and/or change of address letter.</li> <li>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825.</li> <li>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</li> <li>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> <li>20. <input checked="" type="checkbox"/> Other items or information: Copy of Notification of Missing Requirements; Statement Under 37 3.73(b) and a Petition for an Extension of Time</li> </ol>		

U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>10/531,626</b>		INTERNATIONAL APPLICATION NO. <b>PCT/AU2003/001356</b>		ATTORNEY'S DOCKET NUMBER <b>650063.402USPC</b>	
The following fees are submitted					
21. <input type="checkbox"/> Basic national fee (37 CFR 1.492(a)) .....				\$	.00
22. <input type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4).....				\$	0.00
All other situations .....				\$	.00
23. <input type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the international preliminary examination report prepared by the IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4).....				\$	0.00
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority.....				\$	100.00
International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB.....				\$	400.00
All other situations .....				\$	500.00
<b>TOTAL OF 21, 22 AND 23 =</b>				\$	.00
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
87 - 100 =	0/50 =	0	X \$250.00	\$	00.00
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).				\$	.00
Claims	Number Filed	Number Extra	Rate		
Total Claims	44 - 20 =	24	x \$ 50.00	\$	1200.00
Independent Claims	5 - 3 =	2	x \$ 200.00	\$	400.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360.00	\$	360.00
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$	1960.00
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.				\$	980.00
<b>SUBTOTAL =</b>				\$	980.00
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				\$	.00
<b>TOTAL NATIONAL FEE =</b>				\$	980.00
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$	.00
Fee for extension of time to respond to Notification of Missing Requirements (37 CFR 1.136(a)). A Petition for Extension of Time is included.				\$	60.00
<b>TOTAL FEES ENCLOSED =</b>				\$	1040.00
				Amount to be refunded:	
				Amount to be Charged:	

04/06/2006 GFREY1 00000144 10531626

01 FC:2615	600.00 OP
02 FC:2614	200.00 OP
03 FC:2616	180.00 OP

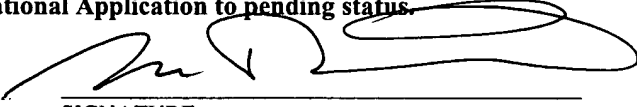
U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>10/531,626</b>	INTERNATIONAL APPLICATION NO. <b>PCT/AU2003/001356</b>	ATTORNEY'S DOCKET NUMBER <b>650063.402USPC</b>
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a. ☒ A check in the amount of **\$1040** to cover the above fees is enclosed.  
 b. ☐ Please charge my Deposit Account No. **19-1090** in the amount of \$\_\_\_\_\_ to cover the above fees. A duplicate copy of this sheet is enclosed.  
 c. ☒ The Commissioner is hereby authorized to charge **any deficiency in the basic national fee** which may be required, or credit any overpayment to Deposit Account No. **19-1090**. A duplicate copy of this sheet is enclosed.  
 d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

**NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.**

SEND ALL CORRESPONDENCE TO:

**William T. Christiansen, Ph.D.**  
 Seed Intellectual Property Law Group PLLC  
 701 5<sup>th</sup> Avenue, Suite 6300  
 Seattle, WA 98104-7092  
 United States of America  
 (206) 622-4900



\_\_\_\_\_  
SIGNATURE

**William T. Christiansen, Ph.D.**  
NAME

**44,614**  
REGISTRATION NUMBER

764813\_1.DOC

(07/05)

WTC



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/531,626	Jennifer Ruth Gamble	650063.402USPC

INTERNATIONAL APPLICATION NO.

PCT/AU03/01356

I.A. FILING DATE

10/14/2003

PRIORITY DATE

10/14/2002

00500

SEED INTELLECTUAL PROPERTY LAW GROUP PLLC  
701 FIFTH AVE  
SUITE 6300  
SEATTLE, WA 98104-7092

CONFIRMATION NO. 8192

371 FORMALITIES LETTER



\*OC000000017733332\*

Miss Parks:  
Feb. 28, 2006

ENTERED IN DOCKET *JP*  
Date Mailed: 12/30/2005

**NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 04/14/2005
- Copy of the International Search Report filed on 04/14/2005
- Copy of IPE Report filed on 04/14/2005
- U.S. Basic National Fees filed on 04/14/2005
- Priority Documents filed on 04/14/2005

RECEIVED

JAN 03 2006

Seed Intellectual Property  
Law Group PLLC

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Additional claim fees of **\$3710** as a non-small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.
- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

## SUMMARY OF FEES DUE:

Total additional fees required for this application is **\$3710** for a Large Entity:

- Total additional claim fee(s) for this application is **\$ 3710**
  - **\$400** for 2 independent claims over 3.

- \$2950 for 59 total claims over 20.
- \$360 for multiple dependent claim surcharge.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

TAMALA D HOLLAND

Telephone: (703) 308-9140 EXT 209

**PART 1 - ATTORNEY/APPLICANT COPY**

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/531,626	PCT/AU03/01356	650063.402USPC